



111 W. JACKSON BLVD., SUITE 1200, CHICAGO, ILLINOIS 60604

INTERNATIONAL SPECIALISTS In the ENVIRONMENT

PHONE: (312) 663-9415 TELECOPIER: (312) 663-1090

DATE: 1/23/45	TIME: 0 130	_ TOTAL NO. OF PAGES: _ (Including this form)	6
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COMPANY:GA	BRIFL		
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SPECIAL INSTRUCTIONS:	Please complete the	bottom half of the ana	lytical bid
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	For Operator's L	Jse Only	
JOB CHARGE:		 	
SENT BY:			



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request.	Also include	costs for QA/QC	packages and sampl	e disposal costs,
if any.				
		For Operator	's Use Only	
JOB CHARGE	:			
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COMPANY:	T ANALYTICAL ARMENTA
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if any.	
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*** Note: E & E, Inc. requires the following information in order to perform data validation. The data validation is based on limits and guidelines specified in the U.S. EPA 1990 OSWER Directive 9360.4-01.

METALS QA LEVEL II

- 1. <u>Case Narrative:</u> -Observations and/or Problems. -Methods used.
- 2. <u>Sample Holding Times:</u> -Analysis dates.
- 3. Analytical Results for:
 - · Samples.
 - · Standards: -Number of standards.

-Concentration of standards.

- Initial Calibration: % Recoveries (%R) of true value.
- Continuing Calibrations: % Recoveries (%R) of true value.
- · Calibration Blanks.
- Method Blank(s): -Detection limit.

-Amount detected in blank.

• Matrix Spike/Matrix Spike Duplicate, if applicable: -% Recoveries (%R)

-% Difference (%D)

- · Laboratory Control Samples.
- · ICP Interference Check Samples, if applicable.
- · ICP Serial Dilutions, if applicable.
- Standard Additions, if applicable.
- 4. <u>Copies of Raw Data for all Analytical Results:</u> Peak areas for all items in No.3.
- 5. <u>Compound Quantitation Calculations:</u> -Dilutions.

-Concentrations.

-Dry weights.

-Etc.

6. Chain-of-Custody: Photocopy of COC form.

*** Note: E & E, Inc. requires the following information in order to perform data validation. The data validation is based on limits and guidelines specified in the U.S. EPA 1990 OSWER Directive 9360.4-01.

ORGANICS BY GC/MS OA LEVEL II

- 2. <u>Sample Holding Times:</u> -Extraction dates. -Analysis dates.
- 3. Analytical Results for:
 - Samples: -Relative retention times.
 -Mass spectra.
 - -Ion chromatograms.
 - GC/MS Tuning: BFB/DFTPP ion abundances.
 - Initial Calibration: -Retention times (RT).
 -Response factors (RF and RRF).
 -% relative standard deviation (%RSD).
 - Continuing Calibrations: % difference from initial standard.
 - Internal Standards: -Retention times. -Peak areas.
 - Method Blank(s): -Detection limits.
 -Amount detected in blank.
 - Surrogate Recoveries: % recoveries.
 - Tentatively Identified Compounds, if applicable: Ion relative intensities.
- 4. <u>Copies of Raw Data for all Analytical Results:</u>
 - -Sample spectra.
 - -Enhanced or background subtracted spectra.
 - -Standard spectra. (For tentative identified compounds, provide a reference mass spectrum from the spectral library.)
- 5. Compound Quantitation Calculations: -Dilutions.
 - -Concentrations.
 - -Dry weights.
 - -Etc.
- 6. Chain-of-Custody: Photocopy of COC form.

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*** Note: E & E, Inc. requires the following information in order to perform data validation. The data validation is based on limits and guidelines specified in the U.S. EPA 1990 OSWER Directive 9360.4-01.

PCBs BY GC OA LEVEL II

- 1. <u>Case Narrative:</u> -Observations and/or Problems. -Methods used.
- 2. <u>Sample Holding Times:</u> -Extraction dates. -Analysis dates.
- 3. Analytical Results for:
 - Samples: Retention time windows.
 - Initial Calibration: -3-point calibration for each Aroclor of interest.

 -Response factors (RF).
 -% relative standard deviations (%RSD).
 - Continuing Calibrations: % difference from initial standard.
 - Method Blank(s): -Detection limits.
 -Amount detected in blank.
 - Matrix Spike/Matrix Spike Duplicate, if applicable: % recovery.
 - Surrogate Recoveries: -% recovery
 -Control limits
 -List compound(s) used as surrogate.
- 4. Copies of Raw Data for all Analytical Results:
 - -Sample chromatograms.
 - -Enhanced or background subtracted chromatograms.
 - -Standard chromatograms.
- 5. <u>Compound Quantitation Calculations:</u> -Dilutions.

-Concentrations.

-Dry weights.

-Etc.

6. Chain-of-Custody: Photocopy of COC form.

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ECOLOGY & ENVIRONMENT, INC.

ADDITIONAL TERMS AND CONDITIONS APPLICABLE TO SUBCONTRACTOR ANALYTICAL SERVICES UNDER GOVERNMENT CONTRACTS

- A. DISPOSAL Unless otherwise directed by E & E, the seller shall be responsible for disposition or ultimate disposal of any remaining sample materials in compliance with all applicable Federal, State, and Local laws and regulations. Also, upon E & E's request, the seller shall promptly provide at its' own expense all pertinent information and records to document that such disposition or ultimate disposal has been performed in compliance with governing regulations.
- B. NOTIFICATION The seller shall notify E & E immediately of any circumstances encountered which may impair the satisfactory performance of services in accordance with project specifications (including but not limited to holding time requirements, satisfactory QC spike recoveries and analysis of specified QA samples). Failure to notify E & E in a timely manner and to implement corrective actions as mutually agreed to shall warrant contract termination.
- C. DELINQUENCY It is understood that upon failure by the seller to perform any element of this Order, as outlined in the scope of work, design, specifications, methods of analysis, documentation, and timely delivery of articles or services hereunder, E & E shall make an equitable adjustment to the amount due according to the following schedule:
 - 1. Failure to meet non-standard delivery date shall result in forfeiture of all surcharge or premium price differentials;
 - 2. Failure to meet standard delivery date shall result in a penalty, applied to the total order cost, of 2% for each 24-hour period up to 10 calendar days, and 5% for each 24-hour period thereafter, up to a maximum of 75% total cost reduction. Further failure to meet the requirements of this Order shall constitute Breach of Contract.

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공소원터리스 교원 하시네티



NATIONAL ENVIRONMENTAL TESTING, INC

NET Midwest, Mo Bartlett Division 850 West Barre Goar Bartlett, 15 80103

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111 W. JACKSON BLVD., SUITE 1200, CHICAGO, ILLINOIS 60604

INTERNATIONAL SPECIALISTS In the ENVIRONMENT

PHONE: (312) 663-9415

TELECOPIER: (312) 663-1090

DATE: 2-23-95 TIME: 1000 Hts TOTAL NO. OF PAGES: (Including this form)
TO: BILL GRAY
COMPANY: GABRICE LABORATORIET
TELECOPIER PHONE NO.: 322 - 214 - 972 -1211
FROM: DAUE HENDREN
SPECIAL INSTRUCTIONS: Please complete the bottom half of the analytical bid
request. Also include costs for QA/QC packages and sample disposal costs,
if any.
For Operator's Use Only
JOB CHARGE:
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Laboratory Signature

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Bid Total

*** Note: E & E, Inc. requires the following information in order to perform data validation. The data validation is based on limits and guidelines specified in the U.S. EPA 1990 OSWER Directive 9360.4-01.

METALS QA LEVEL II

- 1. <u>Case Narrative:</u> -Observations and/or Problems. -Methods used.
- 2. <u>Sample Holding Times:</u> -Analysis dates.
- 3. Analytical Results for:
 - · Samples.
 - Standards: -Number of standards.

-Concentration of standards.

- Initial Calibration: % Recoveries (%R) of true value.
- Continuing Calibrations: % Recoveries (%R) of true value.
- · Calibration Blanks.
- Method Blank(s): -Detection limit.

-Amount detected in blank.

• Matrix Spike/Matrix Spike Duplicate, if applicable: - Recoveries (%R)

-% Difference (%D)

- · Laboratory Control Samples.
- · ICP Interference Check Samples, if applicable.
- · ICP Serial Dilutions, if applicable.
- · Standard Additions, if applicable.
- 4. <u>Copies of Raw Data for all Analytical Results:</u> Peak areas for all items in No.3.
- 5. <u>Compound Quantitation Calculations:</u> -Dilutions.

-Concentrations.

-Dry weights.

-Etc.

6. <u>Chain-of-Custody:</u> Photocopy of COC form.



111 W. JACKSON BLVD., SUITE 1200, CHICAGO, ILLINOIS 60604

INTERNATIONAL SPECIALISTS In the ENVIRONMENT

PHONE: (312) 663-9415

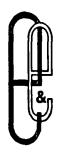
TELECOPIER: (312) 663-1090

DATE: 2-23-95 TIME: 0935 TOTAL NO. OF PAGES: 4 (Including this form)
TO: MORA HOLLAND
COMPANY:
FROM: DAVE HENDREN
FROM: DAUE HENDREN
SPECIAL INSTRUCTIONS: Please complete the bottom half of the analytical bid
request. Also include costs for QA/QC packages and sample disposal costs,
if any.
For Operator's Use Only
JOB CHARGE:
SENT BY

ECOLOGY & ENVIRONMENT, INC.

ADDITIONAL TERMS AND CONDITIONS APPLICABLE TO SUBCONTRACTOR ANALYTICAL SERVICES UNDER GOVERNMENT CONTRACTS

- A. DISPOSAL Unless otherwise directed by E & E, the seller shall be responsible for disposition or ultimate disposal of any remaining sample materials in compliance with all applicable Federal, State, and Local laws and regulations. Also, upon E & E's request, the seller shall promptly provide at its' own expense all pertinent information and records to document that such disposition or ultimate disposal has been performed in compliance with governing regulations.
- B. NOTIFICATION The seller shall notify E & E immediately of any circumstances encountered which may impair the satisfactory performance of services in accordance with project specifications (including but not limited to holding time requirements, satisfactory QC spike recoveries and analysis of specified QA samples). Failure to notify E & E in a timely manner and to implement corrective actions as mutually agreed to shall warrant contract termination.
- C. DELINQUENCY It is understood that upon failure by the seller to perform any element of this Order, as outlined in the scope of work, design, specifications, methods of analysis, documentation, and timely delivery of articles or services hereunder, E & E shall make an equitable adjustment to the amount due according to the following schedule:
 - Failure to meet non-standard delivery date shall result in forfeiture of all surcharge or premium price differentials;
 - Failure to meet standard delivery date shall result in a penalty, applied to the total order cost, of 2% for each 24-hour period up to 10 calendar days, and 5% for each 24-hour period thereafter, up to a maximum of 75% total cost reduction. Further failure to meet the requirements of this Order shall constitute Breach of Contract.



111 W. JACKSON BLVD., SUITE 1200, CHICAGO, ILLINOIS 60604

INTERNATIONAL SPECIALISTS In the ENVIRONMENT

PHONE: (312) 663-9415

TELECOPIER: (312) 663-1090

DATE: 1-13-45 TIME: 0945 TOTAL NO. OF PAGES: (Including this form)
TO:PATRICIC MIGUIRE COMPANY: /EA
COMPANY: 1EA
TELECOPIER PHONE NO.: 708 - 705 - 1567
FROM: DAUE HEYOREN
SPECIAL INSTRUCTIONS: Please complete the bottom half of the analytical bid
request. Also include costs for QA/QC packages and sample disposal costs.
if any.
For Operator's Use Only
JOB CHARGE:
SENT RY

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111 W. JACKSON BLVD., SUITE 1200, CHICAGO, ILLINOIS 60604

INTERNATIONAL SPECIALISTS In the ENVIRONMENT

PHONE: (312) 663-9415

TELECOPIER: (312) 663-1090

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COMPANY	US	EPA	
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		RESULTS	
		For Open	ator's Use Only
JOB CHAR	GE:		
SENT BY:			

Transmittal consists of ____ pages including the summary page.

FAX (219) 972-1211

GABRIEL 8522 Kennedy Ave. Highland, IN 46322 (219) 972-1110

Driel laboratories, Environmental & Energy Services

— FAX SUMMARY PAGE —	
date: January 23, 1994 time:	-
from: JEFF FATA	· · · · · · · · · · · · · · · · · · ·
to: DAUE HENDREN	PERSON S
location: Ecology-Environment	
fax number: 312 663 - 1090	
comments: Dave,	
Please call me to let me know of the sample.	CIBE NIBE
will be sent to GABRISE. Thanks,	
UEFF	Tiel (Talliall) Assainadassis -

Transmittal consists of pages including the summary page.

FAX (219) 972-1211

CARLO CONTROL OF THE PARTY OF T **GABRIEL** 8522 Kennedy Ave. Highland, IN 46322 (219) 972-1110

TO 17126671090 P.W.

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* NS/MSD. Sample is priceD As 1 sample * VOA'S would be analyzed by SW-846 nettled 3260.